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Designation:

SHOCK ABSORBER WITH AIR CUSHION FOR SINGLE-ACTION DOORS

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Addendum to:

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Separated from:

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Applicant:

Schütz, Aloys, 4390 Gladbeck

Agent:

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Named as inventor:

Inventor is the applicant

Notification according to Article 7 § 1 paragraph 2 No. 1 of the Law of 4.9 1967 (Bürgerliches Gesetzbuch) 1 S 960)

DT 2 006 773

BAD ORIGINAL

DESCRIPTION

Achieved through the invention described in the following is an absolutely secure and adjustable shock absorption. In particular in the case of single-action doors that are closed by springs, by hand or by air draft, a striking by the door, which is noiselessly caught by an air cushion, is impossible. This compressed air then escapes slowly through the gap formed by the different diameters of the cylinder 4 and the piston 5, so that a closing of the door in an orderly manner is ensured. In addition, the possibility exists of regulating the air escape through notching in the check valve 8. If the door is now opened, then a magnet plate 2 fastened to the door 1 pulls along a magnet 6 on the piston rod 3 of the piston 5 located in the cylinder 4, until the piston 5 is detained by the cylinder cover 7, while the drawn-in air penetrates into the cylinder through the check valve 8, so that the piston 5 is available for the next closing process. The shock absorber is fastened into the door frame on the striking-box side and, over an unlimited service life, requires no maintenance or lubrication.

PATENT CLAIMS

1. Shock absorber with air cushioning and magnet action, characterized in that during a closing process the piston 5 compresses the air located in the cylinder 4 and then lets the air slowly escape.
2. Shock absorber according to claim 1, characterized in that, for a new closing process, the piston 5 is again brought into the readiness position by the opening door via magnets 2 and 5.

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Aktenzeichen: P 20 06 773.6

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Ausstellungspriorität: —

Unionspriorität

Datum: —

Land: —

Aktenzeichen: —

Bezeichnung: Stoßdämpfer mit Luftpolster für Anschlagtüren

Zusatz zu: —

Ausscheidung aus: —

Anmelder: Schütz, Aloys, 4390 Gladbeck

Vertreter: —

Als Erfinder benannt: Erfinder ist der Anmelder

Benachrichtigung gemäß Art. 7 § 1 Abs. 2 Nr. 1 d. Ges. v. 4. 9. 1967 (BGBl. I S. 960): —

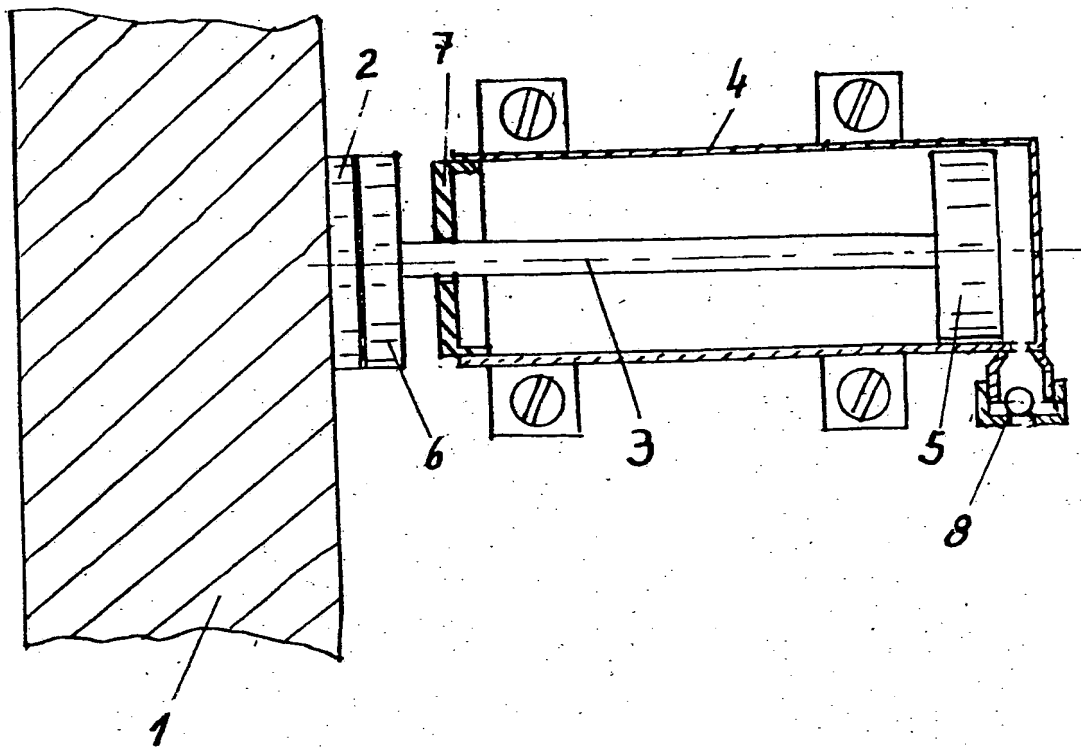
Patentansprüche

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